

WEED EATER

® Trademark

ENGLISH



Please do not return unit to retailer.
Por favor, no devuelva el aparato al lugar de compra.
Veuillez ne pas retourner l'outil au détaillant.

1-800-554-6723

www.weedeater.com

Instruction Manual Manual de Instrucciones Manuel d'Instructions

**GHT 180 LE
GHT 220 LE**

ESPAÑOL



WARNING:

Read and follow all Safety Rules and Operating Instructions before using this product. Failure to do so can result in serious injury.

ADVERTENCIA:

Lea el manual de instrucciones y siga todas las advertencias e instrucciones de seguridad. El no hacerlo puede resultar en lesiones graves.

AVERTISSEMENT:

Lire le manuel d'instructions et bien respecter tous les avertissements et toutes les instructions de sécurité. Tout défaut de le faire pourrait entraîner des blessures graves.

Electrolux Home Products, Inc.
250 Bobby Jones Expressway
Augusta, GA 30907

 **From the Electrolux Group. The world's No.1 choice.**
KITCHEN, CLEANING AND OUTDOOR APPLIANCES COMBINED

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4/23/02

FRANÇAIS

SAFETY RULES

⚠ WARNING: Failure to follow all Safety Rules and Precautions can result in serious injury.

⚠ DANGER: *THIS POWER TOOL CAN BE DANGEROUS!* This unit can cause serious injury including amputation or blindness to the operator and others. The warnings and safety instructions in this manual must be followed to provide reasonable safety and efficiency in using this unit. The operator is responsible for following the warnings and instructions in this manual and on the unit. Never allow children to use this tool.

KNOW YOUR UNIT

- Read your instruction manual carefully until you completely understand and can follow all warnings and safety rules before operating the unit.
- Restrict unit to users who understand and will follow all warnings and safety rules in this manual and on the unit.

PLAN AHEAD

⚠ WARNING: Inspect area before starting unit. Remove all debris and hard objects such as rocks, glass, wire, etc. that can ricochet, be thrown, or otherwise cause injury or damage during operation.

- Always wear eye protection when operating, servicing, or performing maintenance on unit. Wearing eye protection will help to prevent brush or debris from being thrown or ricocheting into eyes and face which can result in blindness and/or serious injury. Eye protection should be marked Z87.
- Wear hearing protection when using this unit.
- Secure hair above shoulder length. Secure or remove jewelry, loose clothing, or clothing with loosely hanging straps, ties, tassels, etc. They can be caught in moving parts.
- Stay alert. Do not operate unit when you are tired, ill, upset, or if you are under the influence of alcohol, drugs, or medication.
- Keep children, bystanders, and animals away from work area a minimum of 30 feet (10 m) when starting or operating unit.

HANDLE FUEL WITH CAUTION

- Eliminate all sources of sparks or flame (including smoking, open flames, or work that can cause sparks) in the areas where fuel is mixed, poured, or stored.
- Mix and pour fuel in an outdoor area; store fuel in a cool, dry, well ventilated place; use an approved, marked container for all fuel purposes.
- Do not smoke while handling fuel or while operating the unit.
- Do not fill fuel tank while engine is running.
- Make sure the unit is properly assembled and in good operating condition.

- Avoid spilling fuel or oil. Wipe up fuel spills before starting the engine.
- Move at least 10 feet (3 meters) away from fuel and fueling site before starting engine.
- Always store gasoline in a container approved for flammable liquids.



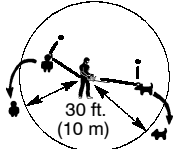


OPERATE YOUR UNIT SAFELY

⚠ DANGER: RISK OF CUT; KEEP HANDS AWAY FROM BLADE-Blade moves momentarily after the trigger is released. Do not attempt to clear away cut material when the blade is in motion. Make sure the switch is in the OFF position, the spark plug wire is disconnected, and the blade has stopped moving before removing jammed material from the cutting blade. Do not grab or hold the unit by the cutting blade.

- Inspect unit before each use for worn, loose, missing, or damaged parts. Do not use until unit is in proper working order.
- Keep outside surfaces free from oil and fuel.
- Never start or run engine inside a closed room or building. Breathing exhaust fumes can kill.
- Avoid dangerous environments. Do not use in unventilated areas or where explosive vapors or carbon monoxide build up could be present.
- Do not overreach or use from unstable surfaces such as ladders, trees, steep slopes, rooftops, etc. Keep firm footing and balance at all times.
- Do not raise unit above your shoulders; the cutting blade can come dangerously close to your body.
- Always keep unit in front of your body. Keep all parts of your body away from the cutting blade.
- Keep the cutting blade and air vents free from debris.
- Use only for jobs explained in this manual.

MAINTAIN YOUR UNIT PROPERLY

- Have all maintenance other than the recommended procedures described in the instruction manual performed by an authorized service dealer.
- Disconnect spark plug before performing maintenance except for carburetor adjustments.
- Do not use a cutting blade that is bent, warped, cracked, broken, or damaged in any other way. Have worn or damaged parts replaced by an authorized service dealer.
- Use only recommended Weed Eater® cutting blades and replacement parts; use of any other parts may void your warranty and cause damage to your unit.
- Empty fuel tank before storing the unit. Use up fuel left in carburetor by starting engine and letting it run until it stops.
- Hand carry the unit with the engine stopped and the muffler and cutting blade away from your body.
- Allow engine to cool, empty the fuel tank, and secure the unit before storing or transporting it in a vehicle.

 <p>Safety Glasses</p> <p>Boots</p> 	<p>⚠ WARNING:</p> <p>Blades can throw objects violently</p> <ul style="list-style-type: none"> • You can be blinded or injured. • Wear safety glasses.
	<p>⚠ WARNING:</p> <p>Hazard zone for thrown objects</p> <ul style="list-style-type: none"> • Blades can throw objects violently. • Others can be blinded or injured. • Keep people and animals 30 feet (10 m) away.
<p>Blades move momentarily after the trigger is released.</p>  <p>Allow blades to stop before removing them from the cut.</p> 	<p>⚠ WARNING:</p> <p>Blades move momentarily after the trigger is released.</p> <ul style="list-style-type: none"> • The blades can seriously cut you or others. • Allow blades to stop before removing them from the cut.

- Do not store the unit or fuel in a closed area where fuel vapors can reach sparks or an open flame from hot water heaters, electric motors or switches, furnaces, etc.
- Store the unit so the cutting blade cannot accidentally cause injury.
- Store in a dry area out of reach of children.

SAFETY NOTICE: Exposure to vibrations through prolonged use of gasoline powered hand tools could cause blood vessel or nerve damage in the fingers, hands, and joints of people prone to circulation disorders or abnormal swelling. Prolonged use in cold weather has been linked to blood vessel damage in otherwise healthy people. If symptoms occur such as numbness, pain, loss of strength, change in skin color or texture, or loss of feeling in the fingers, hands, or joints, discontinue the use of this tool and seek medical attention. An anti vibration system does not guarantee the avoidance of these problems. Users who operate power tools on a continual and regular basis must monitor closely their physical condition and the condition of this tool.

SPECIAL NOTICE: This unit is equipped with a temperature limiting muffler and spark arresting screen which meets the requirements of California Codes 4442 and 4443. All U.S. forest land and the states of California, Idaho, Maine, Minnesota, New Jersey, Oregon, and Washington require by law that many internal combustion engines be equipped with a spark arresting screen. If you operate in a locale where such regulations exist, you are legally responsible for maintaining the operating condition of these parts. Failure to do so is a violation of the law. For normal homeowner use, the muffler and spark arresting screen will not require any service. After 50 hours of use, we recommend that your muffler be serviced or replaced by an authorized service dealer.

ASSEMBLY

NOTE: It is normal for the fuel filter to rattle in the empty fuel tank.

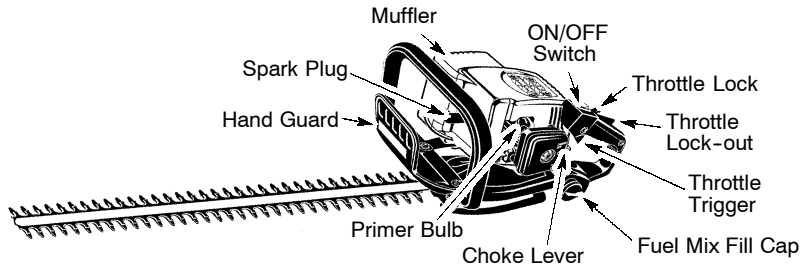
ASSEMBLY

Your hedge trimmer is fully assembled; no assembly is required.

OPERATION

KNOW YOUR HEDGE TRIMMER

READ THIS INSTRUCTION MANUAL AND SAFETY RULES BEFORE OPERATING YOUR UNIT. Compare the illustrations with your unit to familiarize yourself with the location of the various controls and adjustments. Save this manual for future reference.



ON/OFF SWITCH

The ON/OFF SWITCH is used to stop the engine. To stop engine, move switch to OFF.

CHOKE

The CHOKE helps to supply fuel to the engine to aid in cold starting. Activate the choke by moving choke lever to the desired position. See STARTING YOUR ENGINE for complete starting information.

PRIMER BULB

The PRIMER BULB removes air from the carburetor and fuel lines and fills them with fuel. This allows you to start the engine with fewer pulls on the starter rope. Activate the primer bulb by pressing it and allowing it to return to its original position.

THROTTLE TRIGGER

The THROTTLE TRIGGER controls engine speed. Squeeze the trigger for full speed operation; release it for idle speed.

⚠ WARNING: Muffler is very hot during and after use. Do not touch the muffler or allow combustible material such as dry grass or fuel to do so.

BEFORE STARTING ENGINE

⚠ WARNING: Be sure to read the fuel information in the safety rules before you begin. If you do not understand the safety rules, do not attempt to fuel your unit. Call 1-800-235-5878.

FUELING ENGINE

⚠ WARNING: Remove fuel cap slowly when refueling.

This engine is certified to operate on unleaded gasoline. Before operation, gasoline must be mixed with a good quality synthetic 2-cycle air-cooled engine oil designed to be mixed at a ratio of 40:1. Poulan/Weed Eater brand synthetic oil is recommended. (A 40:1 ratio is obtained by mixing 3.2 ounces of oil with 1 gallon of unleaded gasoline). DO NOT USE automotive oil or boat oil. These oils will cause engine damage. When mixing fuel, follow instructions printed on oil container. Once oil is added to gasoline, shake container momentarily to assure that the fuel is thoroughly mixed. Always read and follow the safety rules listed under HANDLE FUEL WITH CAUTION.

IMPORTANT

Experience indicates that alcohol blended fuels (called gasohol or using ethanol or methanol) can attract moisture which leads to separation and formation of acids during storage. Acidic gas can damage the fuel system of an engine while in storage. To avoid engine problems, empty the fuel system before storage for 30 days or longer. Drain the gas tank, start the engine and let it run until the fuel lines and carburetor are empty. Use fresh fuel next season. Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur.

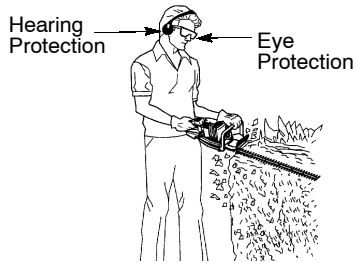
OPERATING INSTRUCTIONS

It is recommended that the engine not be operated for longer than 30 seconds at full throttle. Releasing the trigger and allowing the engine to briefly return to idle speed (5 - 10 seconds) will be sufficient.

IMPORTANT POINTS

- Use the minimum throttle speed necessary to effectively cut hedges for optimal hedge trimmer performance.
- Never attempt to use this hedge trimmer to cut hedges that have any branches with a diameter larger than 7/16".

OPERATING POSITION

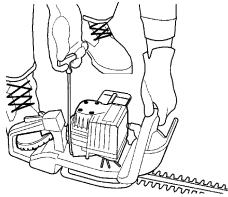


STOPPING YOUR ENGINE

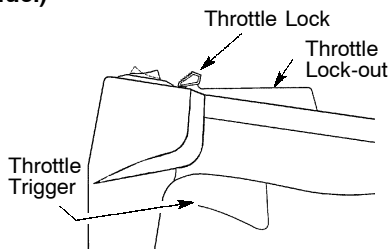
- To stop the engine, move the ON/OFF switch to the OFF position.

STARTING YOUR ENGINE

- Fuel engine. Move at least 10 feet (3 meters) away from the fueling site.
- Hold the unit on the ground in the starting position as shown. Support unit so the blade is off of the ground and away from trees, bushes, onlookers, etc.

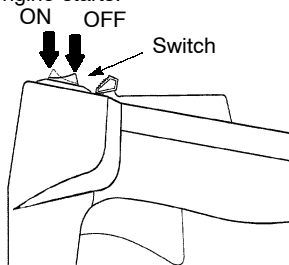


STARTING A COLD ENGINE (or a warm engine after running out of fuel)

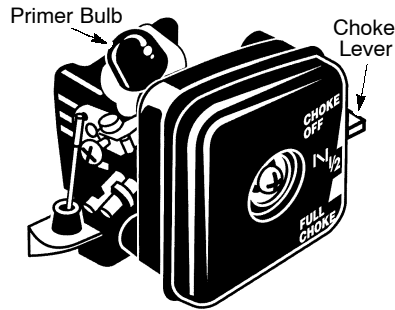


1. Move the ON/OFF switch to the ON position.
2. Engage the throttle lock as follows:
 - press the throttle lock-out;
 - squeeze and hold throttle trigger;
 - press and hold throttle lock, then
 - release the throttle trigger

NOTE: Keep the throttle lock engaged until the engine starts.



3. Slowly press the primer bulb 6 times.
4. Move the choke lever to the FULL CHOKE position.



5. Pull starter rope handle sharply until engine sounds as if it is trying to run, but do not pull rope more than 6 times.
6. Move the choke lever to the HALF CHOKE position.
7. Pull starter rope sharply until the engine runs, but no more than 6 pulls.

NOTE: If the engine doesn't start after 6 pulls (at the HALF CHOKE position), check to make sure the ON/OFF switch is in the ON position. Move the choke lever to the FULL CHOKE position and press the primer bulb 6 times; pull the starter rope 2 more times. Move the choke lever to the HALF CHOKE position and pull the starter rope until the engine runs, but no more than 6 more pulls. If the engine still doesn't start, it is probably flooded. Proceed to STARTING A FLOODED ENGINE.

8. Once the engine starts, allow the engine to run 10 seconds, then move the choke lever to the OFF CHOKE position. Allow the unit to run for 30 more seconds at the OFF CHOKE position before squeezing and releasing the throttle trigger to release the throttle lock.

NOTE: If engine dies with the choke lever in the OFF CHOKE position, move the choke lever to the HALF CHOKE position and pull the rope until the engine runs, but no more than 6 pulls.

STARTING A WARM ENGINE

1. Move the ON/OFF switch to the ON position.
2. Slowly press the primer bulb 6 times.
3. Move the choke lever to the HALF CHOKE position.
4. Engage the throttle lock as directed in STARTING A COLD ENGINE.

NOTE: Keep the throttle lock engaged until the engine starts.

5. Pull starter rope sharply until engine runs, but no more than 5 pulls.
6. Allow the engine to run 10 seconds, then move the choke lever to the OFF CHOKE position.
7. Release the throttle lock by squeezing and releasing the trigger.

NOTE: If engine has not started, pull starter rope 5 more pulls. If engine still does not run, it is probably flooded. Proceed to STARTING A FLOODED ENGINE.

STARTING A FLOODED ENGINE

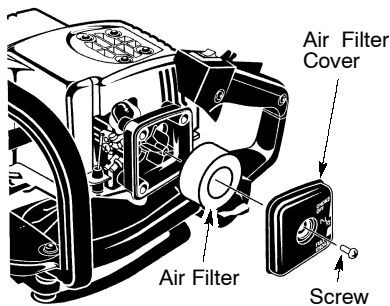
Flooded engines can be started by placing the ON/OFF switch in the ON position and the choke lever in the OFF CHOKE position and engaging the throttle lock as directed in the STARTING A COLD ENGINE section; then, pull the rope to clear the engine of excess fuel. Starting could require pulling the starter rope many times depending on how badly the unit is flooded. If the unit still doesn't start, refer to the TROUBLESHOOTING TABLE or call 1-800-554-6723.

SERVICE

WARNING: Ensure ON/OFF switch is in the OFF position and disconnect the spark plug before performing maintenance except for carburetor adjustments.

We recommend all service and adjustments not listed in this manual be performed by an authorized service dealer.

CLEAN AIR FILTER



Cleaning the air filter:

A dirty air filter decreases engine performance and increases fuel consumption and harmful emissions. Always clean after every 5 hours of operation.

- Clean the cover and the area around it to keep debris from falling into the carburetor chamber when the cover is removed.
- Remove parts as illustrated.

NOTE: Do not clean filter in gasoline or other flammable solvent. Doing so can create a fire hazard or produce harmful evaporative emissions.

- Wash the filter in soap and water.
- Allow filter to dry.
- Add a few drops of oil to the filter; squeeze filter to distribute oil.
- Replace parts.

INSPECT MUFFLER AND SPARK ARRESTING SCREEN

WARNING: The muffler on this product contains chemicals known to the State of California to cause cancer.

As your unit is used, carbon deposits build up on the muffler and spark arresting screen and must be removed to avoid creating a fire hazard or affecting engine performance.

For normal homeowner use, the muffler and spark arresting screen will not require any service. After 50 hours of use, we recommend that your muffler be serviced or replaced by an authorized service dealer.

CARBURETOR ADJUSTMENT

Your carburetor is equipped with limiter caps. Damage will occur if you turn the needles beyond the limiter caps. Carburetor adjustment is a complicated task. We recommend that you take your unit to an authorized service dealer.

IGNITION TIMING

Ignition timing is fixed, non-adjustable.

SPARK PLUG

Replace spark plug yearly with a Champion RCJ-7Y plug. Spark plug gap is 0.025 inch.

STORAGE

WARNING: Perform the following steps after each use:

- Allow engine to cool, and secure the unit before storing or transporting.
- Store unit and fuel in a well ventilated area where fuel vapors cannot reach sparks or open flames from water heaters, electric motors or switches, furnaces, etc.
- Store unit with all guards in place. Position unit so that any sharp object cannot accidentally cause injury.
- Store unit and fuel well out of the reach of children.

SEASONAL STORAGE

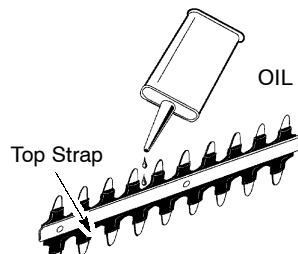
Prepare unit for storage at end of season or if it will not be used for 30 days or more.

If your unit is to be stored for a period of time:

- Clean the entire unit.
- Store in a clean dry area.
- Clean all parts and check for damage. Have damaged parts repaired or replaced by an authorized service dealer.
- Keep all nuts, bolts, and screws tight.
- Lightly oil external metal surfaces, including the blade.

To oil the blade, do the following:

- Stop the engine and allow blade to come to a complete stop.
- Ensure ON/OFF switch is in the OFF position.
- Disconnect the spark plug wire.
- Apply a light machine oil along the edge of the top strap as shown.



TROUBLESHOOTING TABLE

WARNING: Always stop unit and disconnect spark plug before performing any of the recommended remedies below other than remedies that require operation of the unit.

TROUBLE	CAUSE	REMEDY
Engine will not start.	<ul style="list-style-type: none"> • Engine flooded. • Fuel tank empty. • Spark plug not firing. • Fuel not reaching carburetor. • Compression low. 	<ul style="list-style-type: none"> • See "Starting Instructions." • Fill tank with correct fuel mixture. • Install new spark plug. • Check for dirty fuel filter; replace. Check for kinked or split fuel line; repair or replace. • Contact an authorized service dealer.
Engine will not idle properly.	<ul style="list-style-type: none"> • Carburetor requires adjustment. • Crankshaft seals worn. • Compression low. 	<ul style="list-style-type: none"> • See "Carburetor Adjustments." • Contact an authorized service dealer. • Contact an authorized service dealer.
Engine will not accelerate, lacks power, or dies under a load.	<ul style="list-style-type: none"> • Air filter dirty. • Spark plug fouled. • Carburetor requires adjustment. • Carbon build up. • Compression low. 	<ul style="list-style-type: none"> • Clean or replace air filter. • Clean or replace spark plug; re-gap. • See "Carburetor Adjustments." • Contact an authorized service dealer. • Contact an authorized service dealer.
Engine smokes excessively.	<ul style="list-style-type: none"> • Choke partially on. • Fuel mixture incorrect. • Air filter dirty. • Carburetor requires adjustment. 	<ul style="list-style-type: none"> • Adjust choke. • Empty fuel tank and refill with correct fuel mixture. • Clean or replace air filter. • See "Carburetor Adjustments."
Engine runs hot.	<ul style="list-style-type: none"> • Fuel mixture incorrect. • Spark plug incorrect. • Carburetor requires adjustment. • Carbon build up. 	<ul style="list-style-type: none"> • See "Fueling." • Replace with correct spark plug. • See "Carburetor Adjustments." • Contact an authorized service dealer.

NEED ASSISTANCE?

NEED ASSISTANCE?

Call 1-800-554-6723 for assistance.

NEED SERVICE PARTS?

Contact your dealer.

LIMITED WARRANTY

ELECTROLUX HOME PRODUCTS, INC., warrants to the original purchaser that each new **Weed Eater** brand gasoline tool or attachment is free from defects in material and workmanship and agrees to repair or replace under this warranty any defective gasoline product or attachment as follows from the original date of purchase.

2 YEARS - Parts and Labor, when used for household purposes.

60 DAYS - Parts and Labor, when used for commercial, professional, or income producing purposes.

30 DAYS - Parts and Labor, if used for rental purposes.

This warranty is not transferable and does not cover damage or liability caused by improper handling, improper maintenance, or the use of accessories and/or attachments not specifically recommended by **ELECTROLUX HOME**

PRODUCTS, INC., for this tool. Additionally, this warranty does not cover tune-ups, spark plugs, filters, starter ropes, starter springs, cutting line, or rotating head parts that will wear and require replacement with reasonable use during the warranty period. This warranty does not cover pre-delivery setup or normal adjustments explained in the instruction manual.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

NO CLAIMS FOR CONSEQUENTIAL OR OTHER DAMAGES WILL BE ALLOWED, AND THERE ARE NO OTHER EXPRESS WARRANTIES EXCEPT THOSE EXPRESSLY STIPULATED HEREIN. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSION MAY NOT APPLY TO YOU.

The policy of **ELECTROLUX HOME PRODUCTS, INC.**, is to continuously improve its products. Therefore, **ELECTROLUX HOME PRODUCTS, INC.**, reserves the right to change, modify, or discontinue models, designs, specifications, and accessories of all products at any time without notice or obligation to any purchaser.

U.S. EPA/CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT

YOUR WARRANTY RIGHTS AND OBLIGATIONS:

The U.S. Environmental Protection Agency/California Air Resources Board and **POULAN/WEED EATER, DIVISION OF WCI OUTDOOR PRODUCTS** are pleased to explain the emissions control system warranty on your year 2000-2003 small off-road engine. In California, all new small off-road engines must be designed, built, and equipped to meet the State's stringent anti-smog standards. **POULAN/WEED EATER** must warrant the emission control system on your small off-road engine for the periods of time listed below provided there has been no abuse, neglect, or improper maintenance of your small off-road engine. Your emission control system includes parts such as the carburetor and the ignition system. Where a warrantable condition exists, **POULAN/WEED EATER** will repair your small off-road engine at no cost to you. Expenses covered under warranty include diagnosis, parts and labor. **MANUFACTURER'S WARRANTY COVERAGE:** If any emissions related part on your engine (as listed under Emissions Control Warranty Parts List) is defective or a defect in the materials or workmanship of the engine causes the failure of such an emission related part, the part will be repaired or replaced by **POULAN/WEED EATER**. **OWNER'S WARRANTY RESPONSIBILITIES:** As the small off-road engine owner, you are responsible for the performance of the required maintenance listed in your instruction manual. **POULAN/WEED EATER** recommends that you retain all receipts covering maintenance on your small off-road engine, but **POULAN/WEED EATER** cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. As the small off-road engine owner, you should be aware that **POULAN/WEED EATER** may deny you warranty coverage if your small off-road engine or a part of it has failed due to abuse, neglect, improper maintenance, unapproved modifications, or the use of parts not made or approved by the original equipment manufacturer. You are responsible for presenting your small off-road engine to a **POULAN/WEED EATER** authorized repair center as soon as a problem exists. Warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days. If you have any questions regarding your warranty rights and responsibilities, you should contact your nearest authorized service center or call **POULAN/WEED EATER** at 1-800-554-6723.

WARRANTY COMMENCEMENT DATE: The warranty period begins on the date the small off-road engine is purchased. **LENGTH OF COVERAGE:** This warranty shall be for a period of two years from the initial date of purchase. **WHAT IS COVERED: REPAIR OR REPLACEMENT OF PARTS.** Repair or replacement of any warranted part will be performed at no charge to the owner at an approved **POULAN/WEED EATER** servicing center. If you have any questions regarding your warranty rights and responsibilities, you should contact your nearest authorized service center or call **POULAN/WEED EATER** at 1-800-554-6723. **WARRANTY PERIOD:** Any warranted part which is not scheduled for replacement as required maintenance, or which is scheduled only for regular inspection to the effect of "repair or replace as necessary" shall be warranted for 2 years. Any warranted part which is scheduled for replacement as required maintenance shall be warranted for the period of time up to the first scheduled replacement point for that part. **DIAGNOSIS:** The owner shall not be charged for diagnostic labor which leads to the determination that a warranted part is defective if the diagnostic work is performed at an approved **POULAN/WEED EATER** servicing center. **CONSEQUENTIAL DAMAGES: POULAN/WEED EATER** may be liable for damages to other engine components caused by the failure of a warranted part still under warranty. **WHAT IS NOT COVERED:** All failures caused by abuse, neglect, or improper maintenance are not covered. **ADD-ON OR MODIFIED PARTS:** The use of add-on or modified parts can be grounds for disallowing a warranty claim. **POULAN/WEED EATER** is not liable to cover failures of warranted parts caused by the use of add-on or modified parts. **HOW TO FILE A CLAIM:** If you have any questions regarding your warranty rights and responsibilities, you should contact your nearest authorized service center or call **POULAN/WEED EATER** at 1-800-554-6723. **WHERE TO GET WARRANTY SERVICE:** Warranty services or repairs shall be provided at all **POULAN/WEED EATER** service centers. call: 1-800-554-6723. **MAINTENANCE, REPLACEMENT AND REPAIR OF EMISSION RELATED PARTS:** Any **POULAN/WEED EATER** approved replacement part used in the performance of any warranty maintenance or repair on emission related parts will be provided without charge to the owner if the part is under warranty. **EMISSION CONTROL WARRANTY PARTS LIST:** Carburetor, Ignition System: Spark Plug (covered up to maintenance schedule), Ignition Module, Muffler including catalyst. **MAINTENANCE STATEMENT:** The owner is responsible for the performance of all required maintenance as defined in the instruction manual.

This engine is certified to be emissions compliant for the following use:

- Moderate (50 hours)
- Intermediate (125 hours)
- Extended (300 hours)